

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A server ~~for updating road information in a map information providing system which provides desired road information in accordance with a request from at least one of a plurality of terminal units, which are connected via a communication network to the server, which has road information constructed therein, the server comprising:~~

a location data receiving means ~~for which receiving~~receives present location data from at least one of said ~~a plurality of~~ terminal units via said ~~a~~ communication network;_; and

a road information updating means ~~for which creating~~creates locus data ~~using on the basis of said received present location data and for which updating~~updates said road information stored in said server with said locus data,

wherein said server is configured to update road information in a map information providing system,

wherein said map information providing system provides desired road information in accordance with a request from at least one of said terminal units, and

wherein said server has road information constructed therein.

2. (currently amended): The server ~~for updating road information~~ according to claim 1, wherein said road information updating means comprises:

a comparing/collating section, ~~-which compares/collates the locus data created on~~using
~~the basis of said present location data with said road information constructed in the server; and~~

a road information updating section, which updates said road information constructed in the server with said locus data, when a result of comparing/collating said locus data with said road information constructed in the server indicates that road information that corresponds to said locus data has not been defined in the server.

3. (currently amended): The server ~~for updating road information~~ according to claim 2, wherein said road information updating means further comprises a road information updating ~~decision~~determining section, which ~~decides~~determines that said locus data is data with which to update the road information constructed in the server, when locus data obtained by a prescribed number of terminal units are substantially similar.

4. (currently amended): A method for updating road information in a map information providing system which provides desired road information from a road network site, ~~which has road information constructed therein~~, in accordance with a request from at least one of a plurality of terminal units, which are connected to the road network site via a communication network, wherein said road network site has road information constructed therein, the method comprising:

at said road network site, receiving present location data from at least one of said terminal units via said communication network;

creating locus data ~~on the basis of~~using the received present location data; and

updating said road information constructed in said road network site ~~on the basis of~~using said created locus data.

5. (previously presented): The method of updating road information according to claim 4, further comprising:

comparing/collating said created locus data with said road information constructed in said road network site; and

updating said road information constructed in said road network site with said created locus data, when a result of comparing/collating said created locus data with said road information constructed in said road network site indicates that road information that corresponds to said created locus data has not been previously defined as road information constructed in said road network site.

6. (currently amended): The method of updating road information according to claim 5, further comprising ~~deciding~~determining that said created locus data is data with which to update the road information constructed in said road network site when locus data obtained by a prescribed number of terminal units are substantially similar.

7. (currently amended): The method of updating road information according to claim 4, wherein:

said map information includes node data, which is indicative of a point on a map, and link data, which is indicative of a road on the map, and

said road network site correlates said node data and said link data and transmits these correlated data as road information to be updated to at least one of the terminal units according to a request from said at least one of the terminal units.

8. (currently amended): A server program for a server which updates road information in a map information providing system, ~~which provides desired road information from a road network site, with road information constructed in the road network site in accordance with a request from at least one of a plurality of terminal units, which are connected to the road network site via a communication network,~~ wherein the server program comprises causes a computer to execute steps comprising:

a first step of receiving present location data from at least one of a plurality of~~said~~ terminal units via ~~said~~ a communication network;

a second step of creating locus data ~~on the basis of~~ using the received present location data;

a third step of updating ~~said~~ road information which is constructed in a road network site;

wherein said server provides desired road information from said road network site in accordance with a request from at least one of said terminal units.

9. (previously presented): The server program for a server which updates road information according to claim 8, wherein said second step causes a computer to execute steps comprising:

comparing/collating said locus data with said road information constructed in the road network site; and

updating said road information constructed in the road network site with said locus data when a result of comparing/collating said locus data with said road information constructed in the road network site indicates that road information that corresponds to said locus data has not been previously defined as road information constructed in said road network site.

10. (currently amended): The server program for a server which updates road information according to claim 8, wherein said second step causes a computer to execute ~~the a~~ step of ~~deciding~~ determining that said locus data is data with which to update the road information constructed in said road network site when locus data obtained by a prescribed number of terminal units are substantially similar.

11. (currently amended): A computer-readable storage medium storing a server program for a server which updates road information in a map information providing system,

~~which provides desired road information from a road network site, with road information constructed in the road network site in accordance with a request from at least one of a plurality of terminal units, which are connected to the road network site via a communication network,~~
wherein said sever program causes a computer to execute steps comprising~~comprises~~:

a first step of receiving present location data from at least one of ~~said a plurality of~~ terminal units via ~~said a~~ communication network;

a second step of creating locus data ~~on the basis of~~ using the received present location data;

a third step of updating ~~said road information~~ which is constructed in a road network site,
wherein said server provides desired road information from said road network site in accordance with a request from at least one of said terminal units.

12. (currently amended): The computer-readable storage medium storing the server program for the server which updates road information in the map information providing system according to claim 11, wherein said second step further comprises ~~the steps of~~:

comparing/collating said locus data with said road information constructed in the road network site; and

updating said road information constructed in the road network site with said locus data when a result of comparing/collating said locus data with said road information constructed in the road network site indicates that road information that corresponds to said locus data has not been previously defined as said road information constructed in the road network site.

13. (currently amended): The computer-readable storage medium storing the server program for the server which updates road information in the map information providing system according to claim 12, wherein said second step further comprises the step of ~~deciding~~ determining that said locus data is data with which to update the road information constructed in said road network site when locus data obtained by a prescribed number of terminal units are substantially similar.